Amendments to the Specification:

Please replace paragraph [0018] as filed with the following amended paragraph:

[0018] If

$$c(n) \otimes (c*(-n) e^{-j2\pi\Delta fnT}) \approx \delta(n)$$

5   ~~$c(n) \otimes (c*(-n) e^{-j2\pi\Delta fnT}) \approx \delta(n)$~~ , where $\delta(n)$ is the delta function, then the DSSS system of

Fig.1 can be simplified to Fig.2. In Fig.2, h(0) is the main-cursor path of the multipath channel and can be

found by peak detection. The matched code output, y(n), is calculated according to equation 2 of Fig.3 and

can be utilized to estimate the frequency offset Δf.

10